

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041019\
 Data File : VD061712.D
 Acq On : 10 Apr 2019 14:50
 Operator : VA/AP
 Sample : K2334-01
 Misc : 3.80g/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-6(0-10)

Quant Time: Apr 11 01:32:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

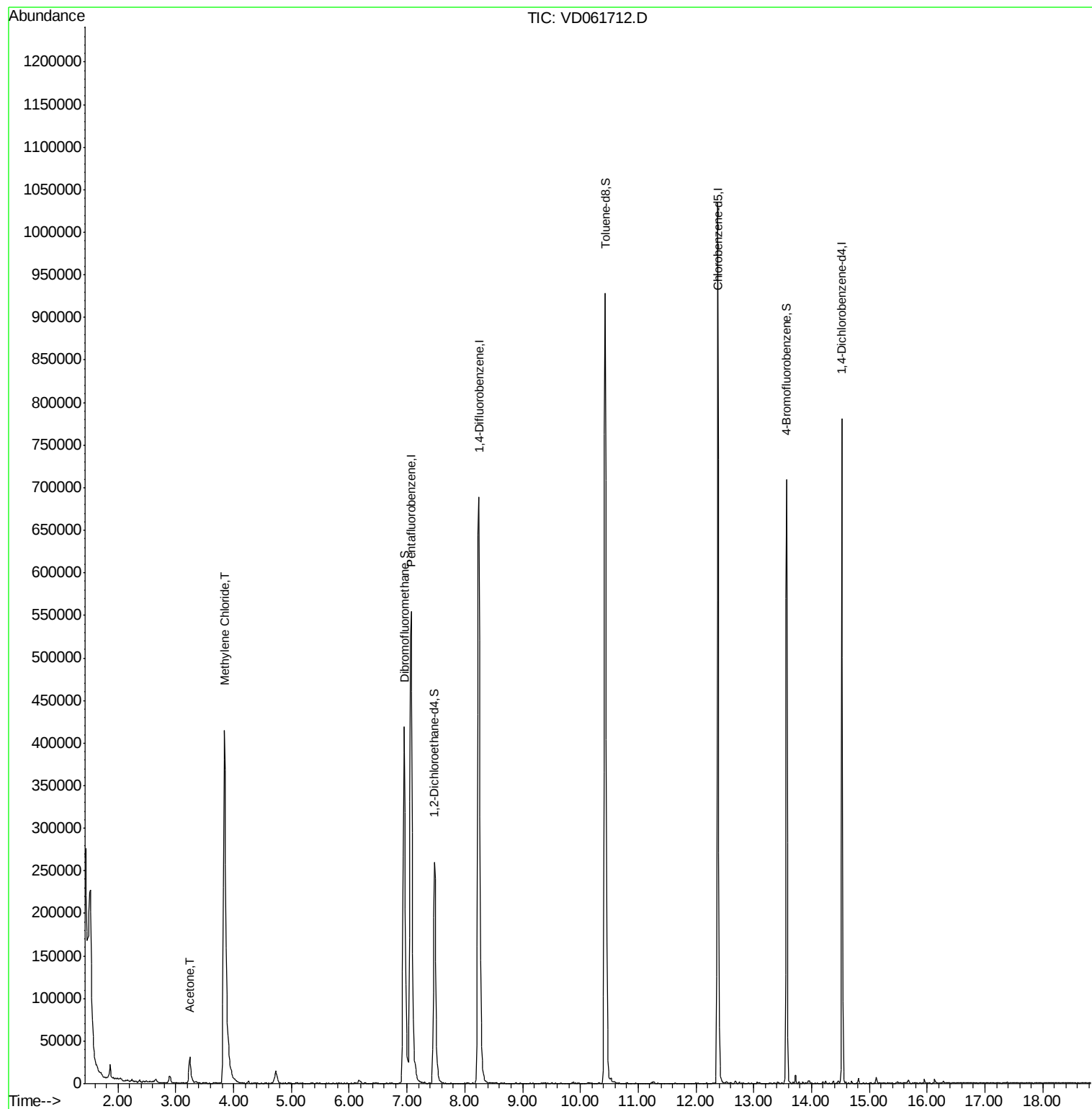
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	585048	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	896111	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	631780	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	177761	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	258804	58.36	ug/l	0.02
Spiked Amount 50.000			Recovery	=	116.72%	
35) Dibromofluoromethane	6.95	113	399906	64.42	ug/l	0.03
Spiked Amount 50.000			Recovery	=	128.84%	
50) Toluene-d8	10.43	98	825903	52.95	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.90%	
62) 4-Bromofluorobenzene	13.57	95	231187	40.52	ug/l	0.01
Spiked Amount 50.000			Recovery	=	81.04%	
Target Compounds						
16) Acetone	3.24	43	58659	44.249	ug/l	Qvalue 100
20) Methylene Chloride	3.84	84	348449	46.321	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061712.D

Acq: 10 Apr 2019 14:50

Instrument :

MSVOA_D

ClientSampleId :

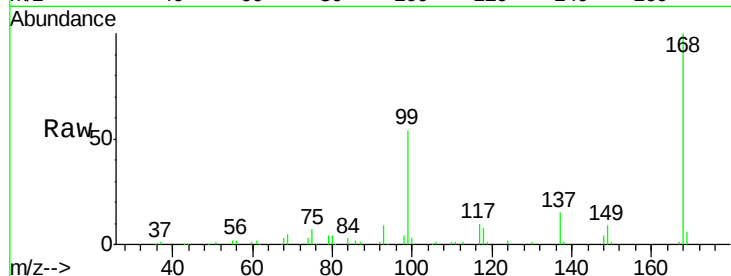
P-6(0-10)

Tgt Ion:168 Resp: 585048

Ion Ratio Lower Upper

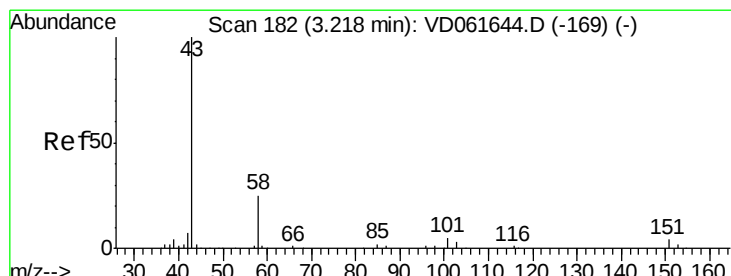
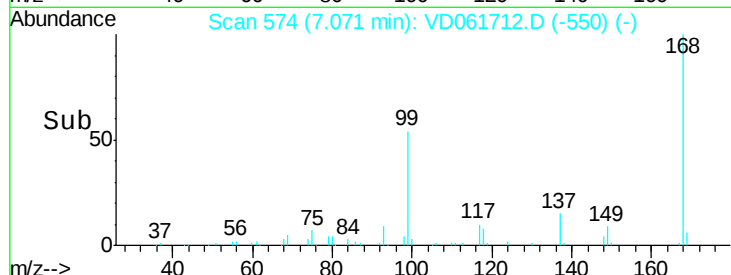
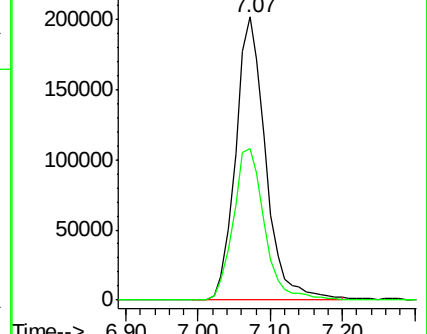
168 100

99 53.8 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 44.249 ug/l

RT: 3.24 min Scan# 185

Delta R.T. 0.02 min

Lab File: VD061712.D

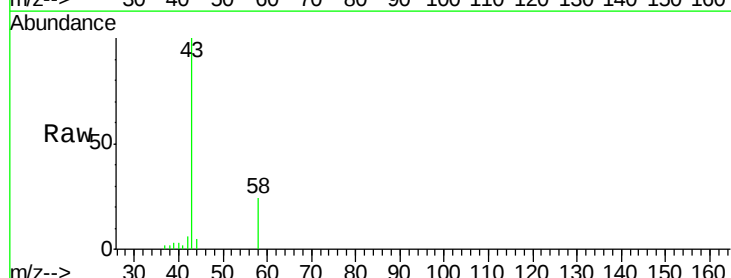
Acq: 10 Apr 2019 14:50

Tgt Ion: 43 Resp: 58659

Ion Ratio Lower Upper

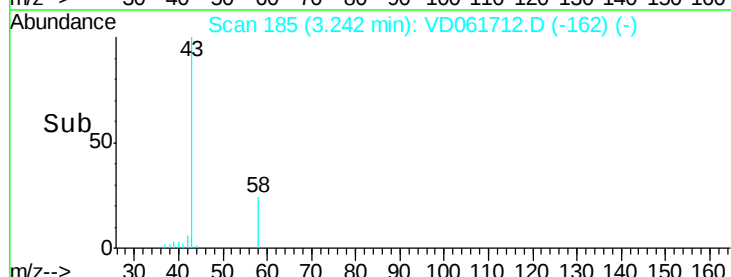
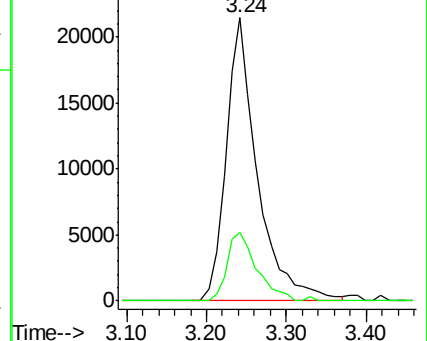
43 100

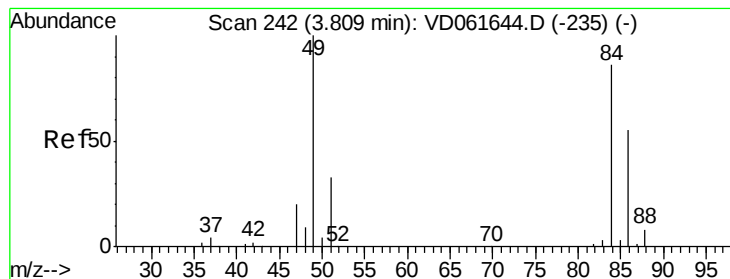
58 24.4 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 46.321 ug/l

RT: 3.84 min Scan# 246

Delta R.T. 0.03 min

Lab File: VD061712.D

Acq: 10 Apr 2019 14:50

Instrument :

MSVOA_D

ClientSampleId :

P-6(0-10)

Tgt Ion: 84 Resp: 348449

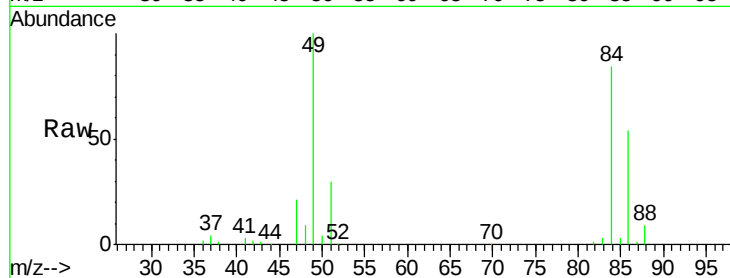
Ion Ratio Lower Upper

84 100

49 119.6 93.0 139.4

51 35.4 30.4 45.6

86 64.4 51.0 76.4

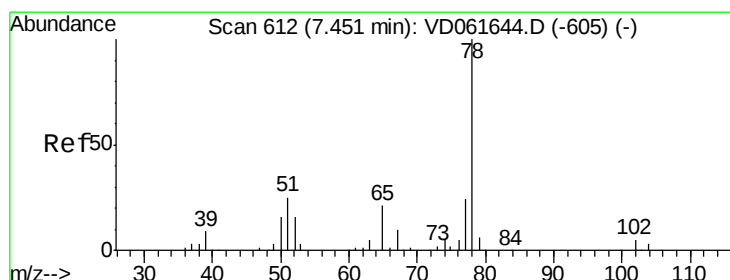
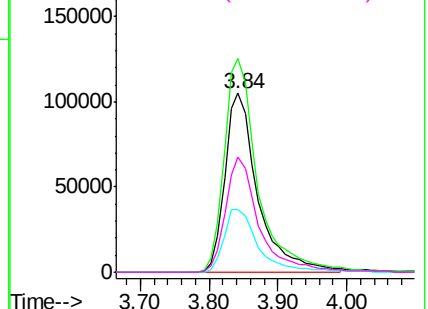
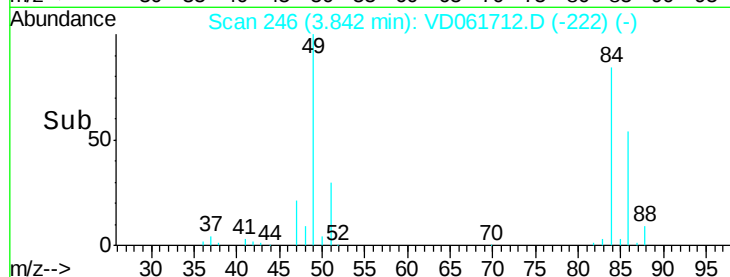


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 58.360 ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.02 min

Lab File: VD061712.D

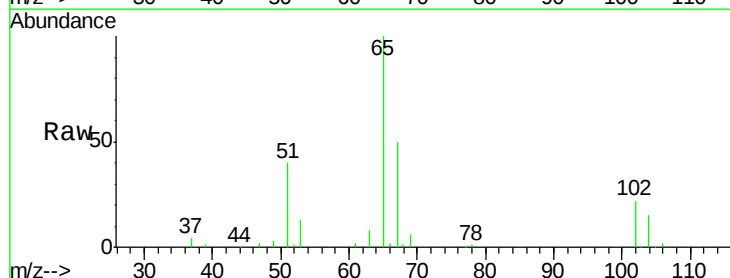
Acq: 10 Apr 2019 14:50

Tgt Ion: 65 Resp: 258804

Ion Ratio Lower Upper

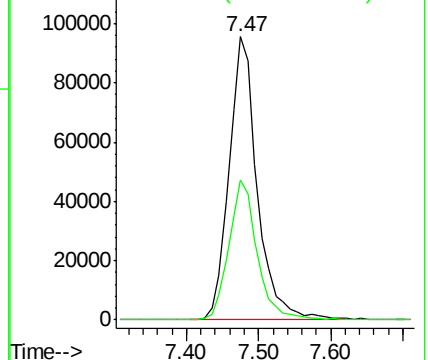
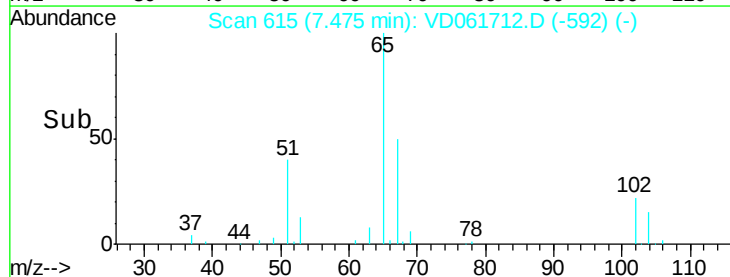
65 100

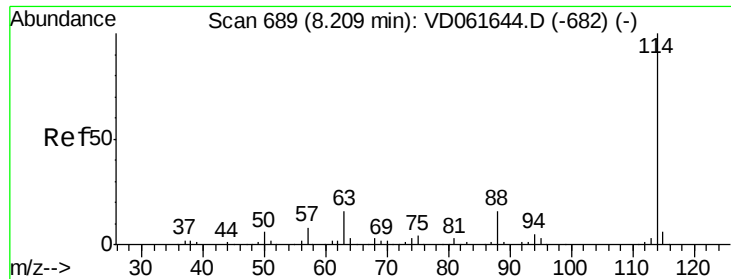
67 49.6 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

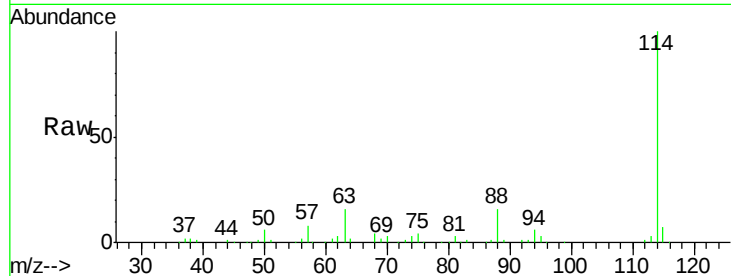




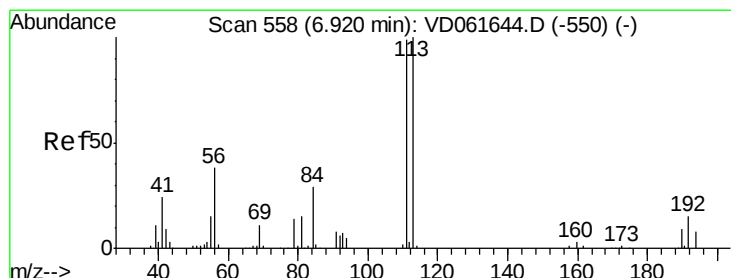
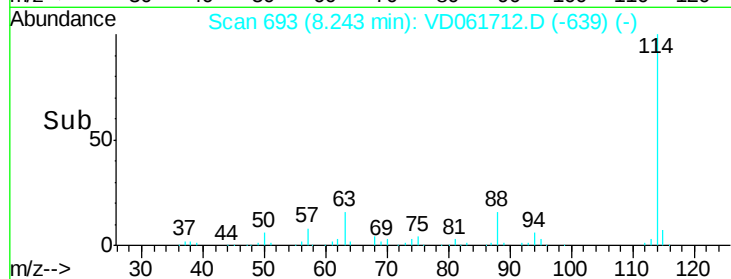
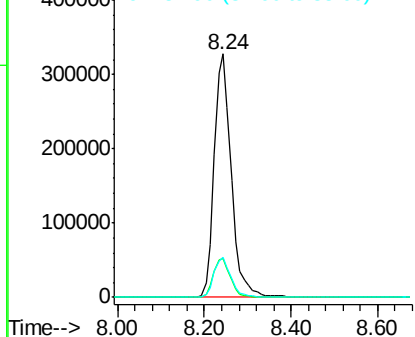
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.03 min
 Lab File: VD061712.D
 Acq: 10 Apr 2019 14:50

Instrument :
 MSVOA_D
 ClientSampleId :
 P-6(0-10)

Tgt Ion:114 Resp: 896111
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.2
 88 16.3 0.0 31.8

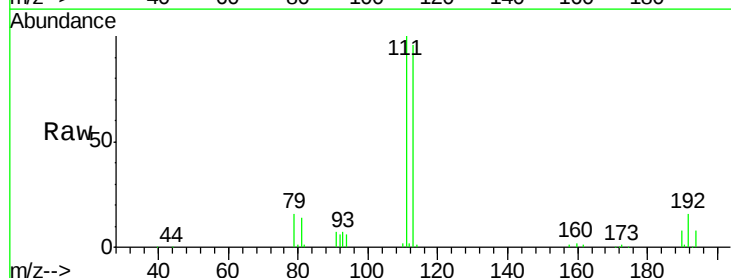


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

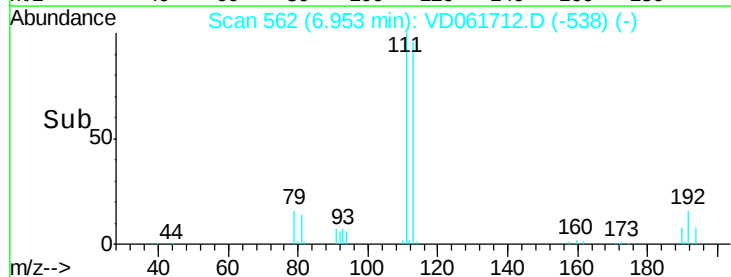
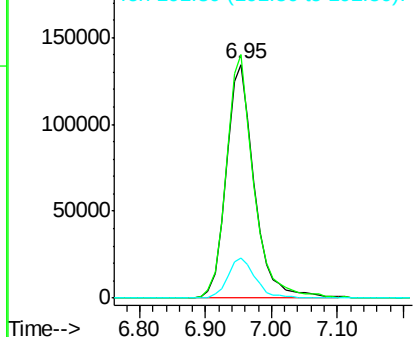


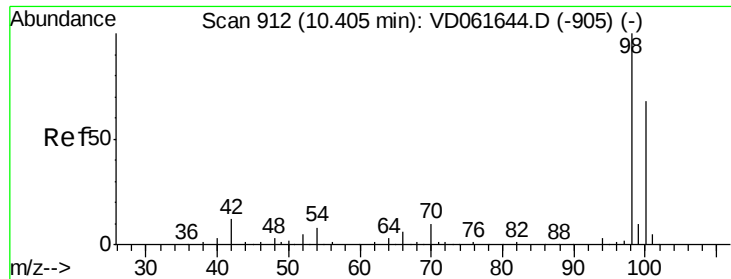
#35
 Dibromofluoromethane
 Concen: 64.418 ug/l
 RT: 6.95 min Scan# 562
 Delta R.T. 0.03 min
 Lab File: VD061712.D
 Acq: 10 Apr 2019 14:50

Tgt Ion:113 Resp: 399906
 Ion Ratio Lower Upper
 113 100
 111 104.2 79.3 118.9
 192 17.2 12.3 18.5



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 52.952 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.02 min

Lab File: VD061712.D

Acq: 10 Apr 2019 14:50

Instrument :

MSVOA_D

ClientSampleId :

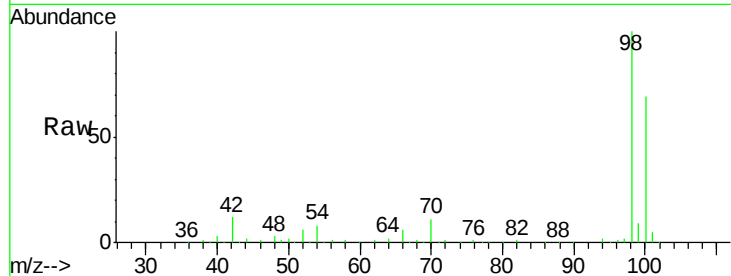
P-6(0-10)

Tgt Ion: 98 Resp: 825903

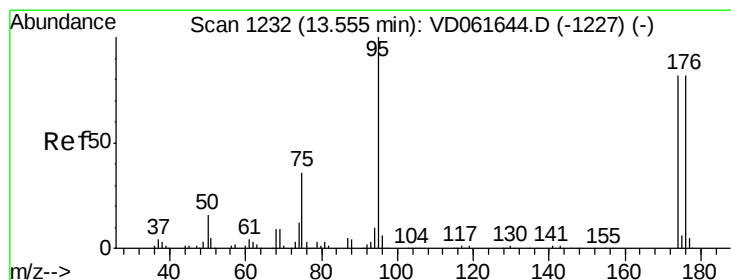
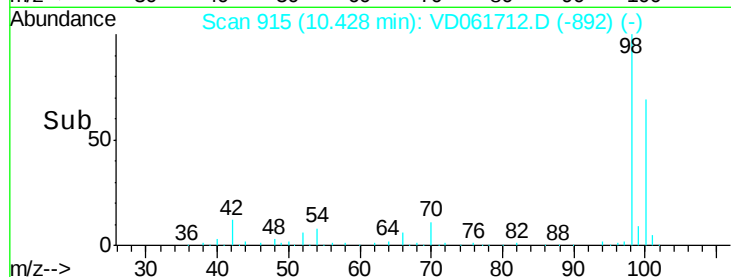
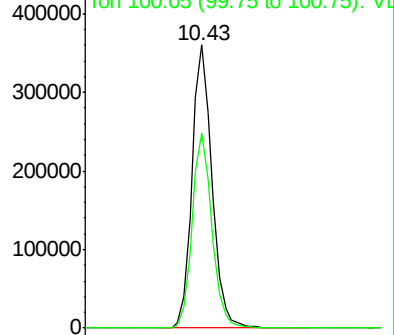
Ion Ratio Lower Upper

98 100

100 69.1 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)



#62

4-Bromofluorobenzene

Concen: 40.518 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.01 min

Lab File: VD061712.D

Acq: 10 Apr 2019 14:50

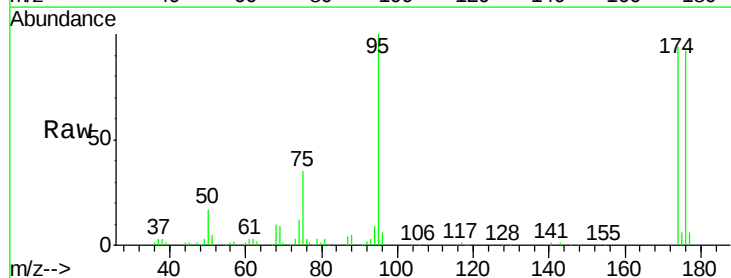
Tgt Ion: 95 Resp: 231187

Ion Ratio Lower Upper

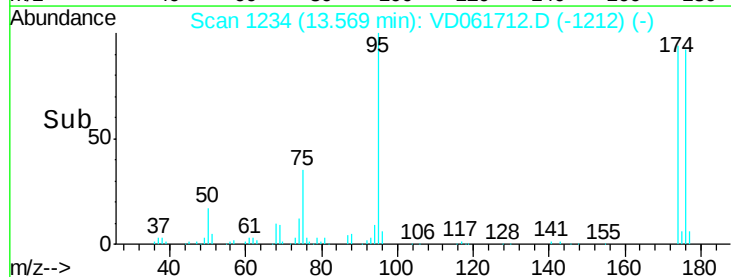
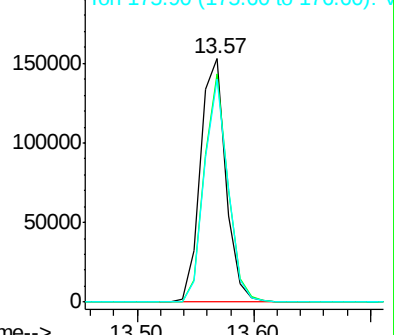
95 100

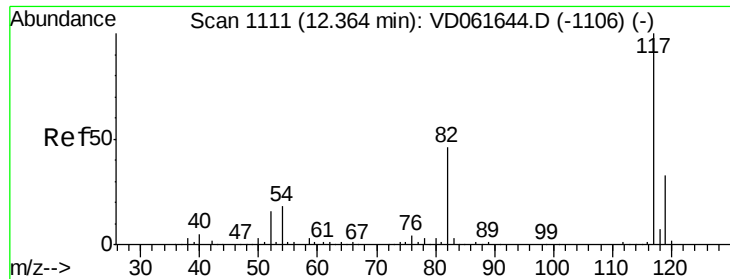
174 93.7 0.0 164.6

176 91.7 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)

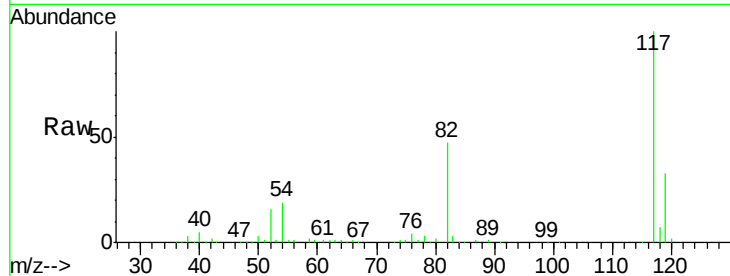




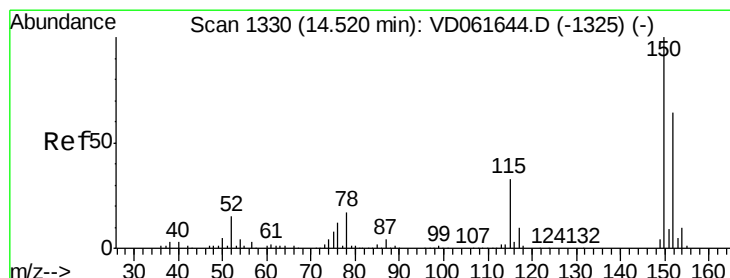
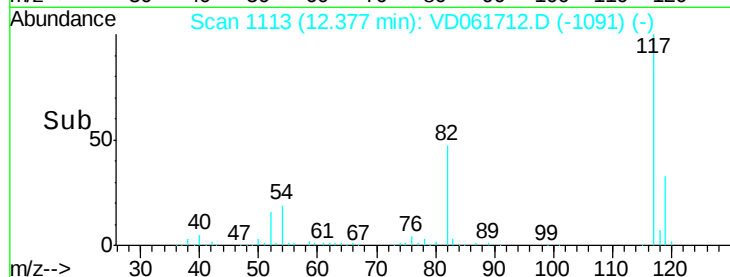
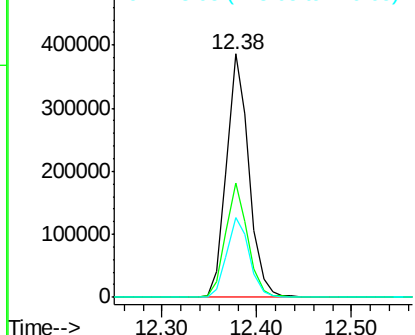
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD061712.D
Acq: 10 Apr 2019 14:50

Instrument :
MSVOA_D
ClientSampled :
P-6(0-10)

Tgt Ion:117 Resp: 631780
Ion Ratio Lower Upper
117 100
82 46.8 36.8 55.2
119 32.9 26.1 39.1

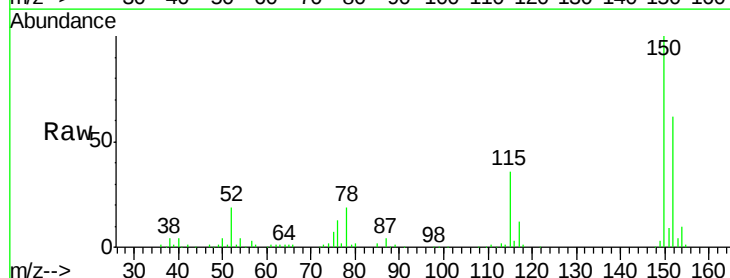


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061712.D
Acq: 10 Apr 2019 14:50

Tgt Ion:152 Resp: 177761
Ion Ratio Lower Upper
152 100
115 58.8 26.4 79.2
150 162.0 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

